

STN

10/663,283

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(FILE 'HOME' ENTERED AT 10:52:54 ON 13 NOV 2004)

FILE 'REGISTRY' ENTERED AT 10:53:40 ON 13 NOV 2004

 E ISOPROPYL BROMIDE/CN
L1 1 S E3
 E PROPYL BROMIDE/CN
L2 1 S E3
 E NITROMETHANE/CN
L3 1 S E3
 E NITROETHANE/CN
L4 1 S E3
 E METHYL PYRROLIDONE/CN
 E N-METHYL PYRROLIDONE/CN
 E METHYLPYRROLIDONE/CN
L5 1 S E3

FILE 'CA' ENTERED AT 11:00:09 ON 13 NOV 2004
 S 75-26-3/REG#

FILE 'REGISTRY' ENTERED AT 11:00:20 ON 13 NOV 2004
L6 1 S 75-26-3/RN

FILE 'CA' ENTERED AT 11:00:20 ON 13 NOV 2004
L7 3191 S L6
 S 106-94-5/REG#

FILE 'REGISTRY' ENTERED AT 11:00:40 ON 13 NOV 2004
L8 1 S 106-94-5/RN

FILE 'CA' ENTERED AT 11:00:40 ON 13 NOV 2004
L9 3939 S L8
 S 104306-48-1/REG#

FILE 'REGISTRY' ENTERED AT 11:01:14 ON 13 NOV 2004
L10 1 S 104306-48-1/RN

FILE 'CA' ENTERED AT 11:01:15 ON 13 NOV 2004
L11 9193 S L10
 S 79-24-3/REG#

FILE 'REGISTRY' ENTERED AT 11:01:32 ON 13 NOV 2004
L12 1 S 79-24-3/RN

FILE 'CA' ENTERED AT 11:01:32 ON 13 NOV 2004
L13 3056 S L12
 S 51013-18-4/REG#

FILE 'REGISTRY' ENTERED AT 11:01:56 ON 13 NOV 2004
L14 1 S 51013-18-4/RN

FILE 'CA' ENTERED AT 11:01:57 ON 13 NOV 2004
L15 172 S L14
L16 64 S L7 AND L11
L17 57 S L7 AND L13
L18 95 S L9 AND L11

L19 73 S L9 AND L13
L20 19 S L19 NOT L18
L21 0 S L16 AND L15
L22 0 S L17 AND L15
L23 0 S L18 AND L15
L24 0 S L19 AND L15
L25 0 S L7 AND L15
L26 0 S L9 AND L15
L27 3 S (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR
BROMOPROPANE) (P) (METH
L28 7 S (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR BROMOPROPANE OR
PRBR
L29 4 S L28 NOT L27

FILE 'CAPLUS' ENTERED AT 11:29:22 ON 13 NOV 2004

L30 0 S L21
L31 0 S L22
L32 0 S L23
L33 0 S L24
L34 0 S L25
L35 0 S L26
L36 3 S L27
L37 7 S L28
L38 4 S L29

FILE 'USPATFULL' ENTERED AT 11:31:02 ON 13 NOV 2004

L39 0 S L21
L40 12 S L27
L41 32 S L28
L42 20 S L29
L43 0 S L22
L44 0 S L23
L45 0 S L24

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=> d 1, 4, 9, 11, 16 116

L16 ANSWER 1 OF 64 CA COPYRIGHT 2004 ACS on STN
AN 139:338717 CA
TI Nonflammable solvent compositions for dissolving and cleaning plastics
IN Hayakawa, Takanori; Kaneko, Takayasu
PA Kaneko Kagaku K. K., Japan; TDK Corporation
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003306700	A2	20031031	JP 2002-112208	20020415
	CN 1451683	A	20031029	CN 2003-109898	20030415
PRAI	JP 2002-112208	A	20020415		

L16 ANSWER 4 OF 64 CA COPYRIGHT 2004 ACS on STN
AN 136:202201 CA
TI Nonflammable cleaning solvent composition with improved washability
IN Kaneko, Akiyasu
PA Kaneko Kagaku K. K., Japan
SO Jpn. Tokkyo Koho, 12 pp.
CODEN: JTXXFF

DT Patent
LA Japanese

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 3263065	B1	20020304	JP 2001-37650	20010214
	JP 2002241796	A2	20020828		
	WO 2002064724	A1	20020822	WO 2002-JP1258	20020214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	JP 2001-37650	A	20010214		
	JP 2001-323545	A	20011022		

L16 ANSWER 9 OF 64 CA COPYRIGHT 2004 ACS on STN
AN 131:311942 CA
TI Environmentally friendly drainer solvent composition
IN Aman, Shunji; Matsuda, Takao; Oda, Yoshikazu
PA Tosoh Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	PI	JP 11293287	A2	19991026	JP 1998-94852	19980407
PRAI	JP 1998-94852			19980407		
OS	MARPAT 131:311942					

L16 ANSWER 11 OF 64 CA COPYRIGHT 2004 ACS on STN
 AN 130:184130 CA
 TI Low-odor cleaning solvents for electronic parts
 IN Kaneko, Akiyasu
 PA Kaneko Kagaku K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11050097	A2	19990223	JP 1997-219050	19970731
PRAI	JP 1997-219050		19970731		

L16 ANSWER 16 OF 64 CA COPYRIGHT 2004 ACS on STN
 AN 128:4941 CA
 TI Cleaning composition from bromine-containing solvent
 IN Oshima, Katsuhide; Tanaka, Shigemi; Kunihiro, Takeshi; Yamamoto, Takashi
 PA Dipsol Chemicals Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09302389	A2	19971125	JP 1996-121634	19960516
	JP 3478665	B2	20031215		
PRAI	JP 1996-121634		19960516		

=> d 4, 9, 11, 16 116 ab

L16 ANSWER 4 OF 64 CA COPYRIGHT 2004 ACS on STN
 AB Title composition comprises (A) 1,1,1,3,3-pentafluorobutane 30-70 weight%, (B) one solvent or ≥ 2 solvent mixture 30-70 weight%, which are selected from nitromethane, nitroethane, d-limonene, 3-methoxy Bu acetate.

L16 ANSWER 9 OF 64 CA COPYRIGHT 2004 ACS on STN
 AB The composition comprises 100 parts 1-bromopropane (I) and/or 2-bromopropane and 5-20 parts $R1O(C_nH_{2n} + 10)mR2$ ($R1, R2 = H$, but not at the same time, $C1-10$ unsatd. hydrocarbonyl, benzyl; $n = 2-4$; $m = 1-4$). Thus, a composition was made from 100 parts I and 10 parts diethylene glycol monohexyl ether.

L16 ANSWER 11 OF 64 CA COPYRIGHT 2004 ACS on STN
 AB Title solvents, useful for articles having plastic and/or rubber parts, contain $PrBr$ and/or $iso-PrBr$ and ≥ 1 stabilizers selected from nitroalkanes, ethers, epoxides, amines, and ≥ 1 azeotropic or azeotropic-like components selected from hydrocarbons, alcs., ketones,

ethers, esters, and halogens. Thus, a mixture of iso-PrBr, nitromethane, and 10% EtOH showed Kauri-BuOH value 112 and low odor.

L16 ANSWER 16 OF 64 CA COPYRIGHT 2004 ACS on STN

AB The composition, especially useful for steam cleaning process, comprises Pr bromide and/or iso-Pr bromide, a nitroalkane (nitroethane) and butylene oxide.

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=> d 19, 20, 21, 23 116 all

L16 ANSWER 19 OF 64 CA COPYRIGHT 2004 ACS on STN

AN 126:93195 CA

ED Entered STN: 11 Feb 1997

TI Bromopropane-based cleaners for aluminum

IN Aman, Shunji; Oda, Yoshikazu

PA Tosoh Corp, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C23G005-036

ICS C11D007-26; C11D007-30; C11D007-32; C11D007-50

CC 56-6 (Nonferrous Metals and Alloys)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08311675	A2	19961126	JP 1995-114365	19950512
PRAI	JP 1995-114365		19950512		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 08311675	ICM	C23G005-036
	ICS	C11D007-26; C11D007-30; C11D007-32; C11D007-50

AB The cleaners comprise 2-bromopropane 100, nitromethane 2-5, and 1,2-butylene oxide 0.1-1 part. The cleaners are substitutes for conventional Cl-type degreasing detergents and have high stability at normal temperature and high-temperature in vapor washing.

ST bromopropane cleaner aluminum degreasing detergent; nitromethane aluminum cleaner bromopropane butylene oxide

IT Detergents
(degreasing comps.; bromopropane-based cleaners with high stability for aluminum)

IT 75-52-5, Nitromethane, uses 106-88-7, 1,2-Butylene oxide
RL: MOA (Modifier or additive use); USES (Uses)
(bromopropane-based cleaners with high stability for aluminum)

IT 75-26-3, 2-Bromopropane
RL: NUU (Other use, unclassified); USES (Uses)
(bromopropane-based cleaners with high stability for aluminum)

IT 7429-90-5, Aluminum, processes 11146-12-6
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(bromopropane-based cleaners with high stability for aluminum)

L16 ANSWER 20 OF 64 CA COPYRIGHT 2004 ACS on STN

AN 125:36373 CA

ED Entered STN: 17 Jul 1996

TI Stabilized bromopropane compositions as metal cleaning solvents

IN Oikawa, Koshu; Aoki, Nobuo; Kawashima, Tomio; Goto, Wataru; Myata, Masato

PA Toa Gosei Kk, Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C07C017-42

ICS C07C019-075; C11D007-30; C23G005-028

CC 46-6 (Surface Active Agents and Detergents)
Section cross-reference(s): 55, 56

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08067643	A2	19960312	JP 1994-228717	19940830
PRAI	JP 1994-228717		19940830		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 08067643	ICM	C07C017-42
	ICS	C07C019-075; C11D007-30; C23G005-028

AB The bromopropane compns. contain stabilizers of ethers, epoxy compds., and

nitro compds. Refluxing a piece of Al in a composition containing 2-bromopropane 94, 1,4-dioxane 3, 1,2-butylene oxide 1, and EtNO₂ 2% for 48 h showed no change of the piece.

ST bromopropane ether metal cleaning solvent; butylene oxide metal cleaning solvent; dioxane metal cleaning solvent; nitroethane metal cleaning solvent; aluminum surface bromopropane cleaning solvent; epoxide bromopropane metal cleaning solvent; nitro bromopropane metal cleaning solvent

IT Stabilizing agents

(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT Epoxides

Ethers, uses

Nitro compounds

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT Solvents

(cleaning, bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT 75-52-5, Nitromethane, uses 79-24-3, Nitroethane 106-88-7, 1,2-Butylene oxide 106-89-8, Epichlorohydrin, uses 108-20-3, Isopropyl

ether 110-71-4, 1,2-Dimethoxyethane 110-88-3, Trioxane, uses 123-91-1, 1,4-Dioxane, uses 286-20-4, Cyclohexene oxide

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT 7429-90-5, Aluminum, processes 7439-89-6, Iron, processes 7440-50-8, Copper, processes 7440-66-6, Zinc, processes

RL: PEP (Physical, engineering or chemical process); PROC (Process)

(bromopropane compns. containing ethers and epoxides and nitro compds. for metal cleaning solvents)

IT 75-26-3, 2-Bromopropane 106-94-5, 1-Bromopropane

RL: TEM (Technical or engineered material use); USES (Uses)

(bromopropane compns. containing ethers and epoxides and nitro compds. for

metal cleaning solvents)

L16 ANSWER 21 OF 64 CA COPYRIGHT 2004 ACS on STN
AN 123:232097 CA
ED Entered STN: 28 Oct 1995
TI Solvent mixtures containing 1- and/or 2-bromopropane for cleaning metals
and electrical apparatus
IN Ooshima, Katsuhide; Tanaka, Shigemi; Igari, Toshio; Kunihiro, Takeshi
PA Dipsol Chem, Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM C11D007-50
ICS C11D007-60
ICI C11D007-60, C11D007-30, C11D007-32, C11D007-26
CC 46-6 (Surface Active Agents and Detergents)
Section cross-reference(s): 45, 55, 56

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07150197	A2	19950613	JP 1993-296370	19931126
	JP 2576941	B2	19970129		
PRAI	JP 1993-296370		19931126		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 07150197	ICM	C11D007-50
	ICS	C11D007-60
	ICI	C11D007-60, C11D007-30, C11D007-32, C11D007-26

AB Solvents for the cleaning and degreasing of metals, elec. parts, etc.,
contain PrBr and/or iso-PrBr, ≥ 1 compound selected from MeNO₂, EtNO₂,
and PrNO₂, and ≥ 1 compound selected from MeOCH₂CH₂OH and dioxane. An
Al article was cleaned in a mixture of PrBr 100, EtNO₂ 0.5, and
MeOCH₂CH₂OH

1% for 48 h with no corrosion.

ST propyl bromide solvent degreasing metal; isopropyl bromide solvent
degreasing metal; bromopropane solvent degreasing metal; aluminum
degreasing solvent bromopropane; nitroalkane bromopropane degreasing
corrosion inhibitor; methoxyethanol bromopropane degreasing metal;
trioxane bromopropane degreasing metal

IT Solvents
(bromopropane-containing solvent mixts. for cleaning and degreasing of
metals)

IT Corrosion inhibitors
(in bromopropane-containing solvent mixts. for cleaning and
degreasing of
metals)

IT Detergents
(degreasing compns., bromopropane-containing solvent mixts. for
cleaning
and degreasing of metals)

IT 75-26-3, Isopropyl bromide 106-94-5, Propyl bromide
RL: NUU (Other use, unclassified); TEM (Technical or engineered material
use); USES (Uses)
(in solvent mixts. for cleaning and degreasing of metals)

IT 75-52-5, Nitromethane, uses 79-24-3, Nitroethane 109-86-4,
Methyl cellosolve 123-91-1, 1,4-Dioxane, uses 25322-01-4,
Nitropropane

RL: MOA (Modifier or additive use); USES (Uses)
(stabilizers; in bromopropane-containing solvent mixts. for cleaning
and
degreasing of metals)

L16 ANSWER 23 OF 64 CA COPYRIGHT 2004 ACS on STN
AN 121:258620 CA
ED Entered STN: 26 Nov 1994
TI Cleaning solvents comprising alkyl and/or alkenyl bromides, especially
for
degreasing of metals
IN Oshima, Katsuhide; Tanaka, Shigemi
PA Dipsol Chemical Co., Ltd., Japan
SO Eur. Pat. Appl., 9 pp.
CODEN: EPXXDW
DT Patent
LA English
IC ICM C23G005-028
ICS C11D007-30
CC 46-6 (Surface Active Agents and Detergents)
Section cross-reference(s): 55, 56
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 609004	A1	19940803	EP 1994-300350	19940118
	EP 609004	B1	19970326		
	R: BE, DE, ES, FR, GB, IT, SE				
	JP 06220494	A2	19940809	JP 1993-10147	19930125
	JP 2576933	B2	19970129		
	US 5492645	A	19960220	US 1994-181102	19940113
	ES 2099539	T3	19970516	ES 1994-300350	19940118
	RU 2135559	C1	19990827	RU 1994-2326	19940124
	RU 2181373	C2	20020420	RU 1999-108252	19940124
	US 5665172	A	19970909	US 1995-531004	19950920
PRAI	JP 1993-10147	A	19930125		
	US 1994-181102	A3	19940113		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	EP 609004	ICM	C23G005-028
		ICS	C11D007-30
	US 5492645	ECLA	C11D007/30; C11D007/50; C23G005/028
AB	A solvent $C_nH_{2n+1}Br$ ($n \geq 3$) and/or $C_mH_{2m-1}Br$ ($m \geq 2$) is mixed with ≥ 1 stabilizer selected from nitroalkanes, ethers, epoxides, and amines to give cleaning compns. which remove oily and greasy soils from metals such as Al without corroding surfaces. A mixture of PrBr 100, EtNO ₂ 0.5, and MeOCH ₂ CH ₂ OH 2 parts was used to clean Al surfaces.		
ST	bromoalkane solvent cleaning degreasing; bromoalkene solvent cleaning degreasing; cleaning solvent bromoalkane bromoalkene; degreasing solvent bromoalkane bromoalkene; corrosion inhibitor bromoalkane bromoalkene; aluminum degreasing bromoalkane bromoalkene; propyl bromide cleaning degreasing; isopropyl bromide cleaning degreasing		
IT	Solvents (bromoalkanes and bromoalkenes for degreasing of metals)		
IT	Alkyl bromides		
	RL: TEM (Technical or engineered material use); USES (Uses)		

(cleaning and degreasing solvents)

IT Corrosion inhibitors
 (in bromoalkanes and bromoalkenes used for degreasing of metals)

IT Amines, uses
 Epoxides
 Ethers, uses
 Nitro compounds
 RL: MOA (Modifier or additive use); USES (Uses)
 (stabilizers; in bromoalkanes and bromoalkenes used for degreasing of metals)

IT Alkenyl halides
 RL: TEM (Technical or engineered material use); USES (Uses)
 (bromides, cleaning and degreasing solvents)

IT Detergents
 (cleaning compns., liquid, bromoalkanes and bromoalkenes as)

IT Detergents
 (degreasing compns., bromoalkanes and bromoalkenes containing corrosion inhibitors as)

IT 7429-90-5, Aluminum, miscellaneous
 RL: MSC (Miscellaneous)
 (bromoalkanes and bromoalkenes as degreasing solvents for)

IT 75-26-3, Isopropyl bromide 78-77-3, 1-Bromo-2-methylpropane
 106-94-5, Propyl bromide 106-95-6, Allyl bromide, uses 109-65-9,
 1-Bromobutane 110-53-2, Amyl bromide 111-25-1, Hexyl bromide
 629-04-9, Heptyl bromide
 RL: TEM (Technical or engineered material use); USES (Uses)
 (cleaning and degreasing solvents)

IT 75-52-5, Nitromethane, uses 79-24-3, Nitroethane 95-14-7,
 Benzotriazole 102-71-6, Triethanolamine, uses 106-89-8,
 Epichlorohydrin, uses 108-18-9, Diisopropylamine 108-95-2, Phenol,
 uses 109-86-4, Methyl cellosolve 110-71-4, 1,2-Dimethoxyethane
 123-91-1, 1,4-Dioxane, uses 37365-71-2, Methylbutynol
 RL: MOA (Modifier or additive use); USES (Uses)
 (stabilizers; in bromoalkanes and bromoalkenes used for degreasing of metals)

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=> s (isopropyl bromide or propyl bromide or
bromopropane) (p) (methylypyrrolidone or methyl pyrrolidone)

70120 ISOPROPYL
242752 BROMIDE
1021 ISOPROPYL BROMIDE
(ISOPROPYL(W) BROMIDE)
82914 PROPYL
242752 BROMIDE
1660 PROPYL BROMIDE
(PROPYL(W) BROMIDE)
2432 BROMOPROPANE
9526 METHYLPYRROLIDONE
905211 METHYL
18994 PYRROLIDONE
486 METHYL PYRROLIDONE
(METHYL(W) PYRROLIDONE)

L27 3 (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR
BROMOPROPANE) (P) (METHYL
PYRROLIDONE OR METHYL PYRROLIDONE)

=> d 1-3 l27 ti

L27 ANSWER 1 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Bulk properties of solutions of nonelectrolytes in N-methylpyrrolidone.
4.

Bulk contributions of halo substituents to the partial molar volume of
nonelectrolytes in N-methylpyrrolidone

L27 ANSWER 2 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Bulk properties of solutions of nonelectrolytes in N-methylpyrrolidone.
3.

Density of solutions and partial molar volume of halo derivatives of
aliphatic and aromatic hydrocarbons in N-methylpyrrolidone at 298.15 K

L27 ANSWER 3 OF 3 CA COPYRIGHT 2004 ACS on STN
TI Manufacture of ethers of oligomeric phenol-dialdehyde condensation
products and a vinyl-benzyl compound for composite plastics

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3525 NMP

L28 7 (ISOPROPYL BROMIDE OR PROPYL BROMIDE OR BROMOPROPANE OR PRBR
OR NPB) (P) (METHYLPYRROLIDONE OR METHYL PYRROLIDONE OR NMP)

=> s l28 not l27

L29 4 L28 NOT L27

=> d 1-4 l29 ti

L29 ANSWER 1 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Organo-tin and lithium derivatives as intermediates in the synthesis of substituted furans. Mechanistics studies

L29 ANSWER 2 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Thermosetting etherified condensation products of phenols, dicyclopentadiene, and aldehydes or ketones

L29 ANSWER 3 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Syntheses in the perimidine series

L29 ANSWER 4 OF 4 CA COPYRIGHT 2004 ACS on STN

TI Syntheses in the hydroaromatic series. XXVII. Diene syntheses of nitrogen-containing hetero rings. 12. Degradation of the "yellow substance" to an isomer of norlupinane (1-methyloctahydroindolizine)

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